

05-23-2000

Attorney Docket No. 1030-09508

MPO 5-8-w



ET U. S. DEPARTMENT OF COMMERCE

FORM PTO-1595
(Rev. 6-93) Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94)

101364435

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties(ies):

Robert H. Slaughter, Jr.,
Peter T. Cariveau, Kirk A. Norris,
Roger Didericksen, William M. Conn

Additional name(s) of conveying party(ies):

Attached? Yes No

2. Name and address of receiving party(ies):

Smith International, Inc.
16740 Hardy Street
Houston, Texas 77032

Additional name(s) & address(es):

Attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: April 27, 2000 and May 2, 2000

4. Application number(s) or patent number(s): 09/487,947

If this document is being filed together with a new application, the execution date of the application is : _____

A. Patent Application No.(s). B. Patent No.(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

MARCELLA D. WATKINS
Conley, Rose & Tayon, P.C.
P. O. Box 3267
Houston, Texas 77253-3267

6. Total number of application and patents involved: 1

7. Total fee (37 CFR 3.41)\$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 03-2769

(Attach duplicate copy of this page if paying by deposit account)

05/22/2000 JSHADAZZ 00000148 09487947
01 FC:581 40.00 DP

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy if a true copy of the original document

Marcella D. Watkins *Marcella D. Watkins* May 5, 2000
Name of Person Signing Signature Date

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

PATENT
REEL: 010794 FRAME: 0651

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by Smith International, Inc., the receipt and sufficiency of which are hereby acknowledged, we, ROBERT H. SLAUGHTER, JR., PETER T. CARIVEAU, KIRK A. NORRIS, ROGER DIDERICKSEN, WILLIAM M. CONN ("ASSIGNORS"), having made an invention in *Protected Lubricant Reservoir for Sealed Bearing Earth Boring Drill Bit*, while in the employ either as an employee or consultant of Smith International, Inc., a corporation organized and existing under the laws of the State of Delaware, doing business at 16740 Hardy Street, Houston, Texas 77032 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said Smith International, Inc. its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in *Protected Lubricant Reservoir for Sealed Bearing Earth Boring Drill Bit*;
2. United States of America patent application on said invention, Serial No. 09/487,947, filed January 18, 2000, Attorney's File No. 1030-09508, entitled *Protected Lubricant Reservoir for Sealed Bearing Earth Boring Drill Bit*;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite our signatures.

ASSIGNORS

Date: 4/27/00

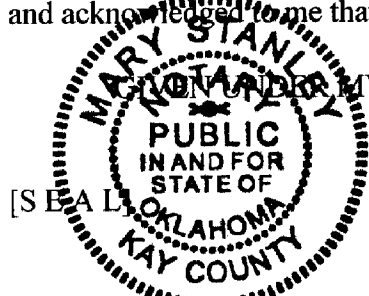
Robert H. Slaughter, Jr.
Robert H. Slaughter, Jr.

Place: Ponca City, OK

THE STATE OF OKLAHOMA §
§
COUNTY OF KAY §

BEFORE ME, the undersigned authority, on this day personally appeared **ROBERT H. SLAUGHTER, JR.**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

WITNESSED BY MY HAND AND SEAL OF OFFICE, this the 27th day of April, 2000.



Mary Stanley
Notary Public in and for
the State of OKLAHOMA

My Commission Expires: 5-18-01

Date: 4/27/2000

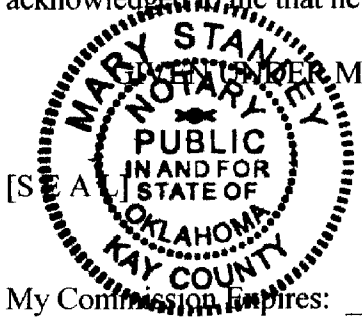
Peter T. Cariveau
Peter T. Cariveau

Place: Ponca City, OK

THE STATE OF OKLAHOMA §
§
COUNTY OF KAY §

BEFORE ME, the undersigned authority, on this day personally appeared **ROGER DIDERICKSEN**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 27th day of April, 2000.



Mary Stanley
Notary Public in and for
the State of OKLAHOMA

My Commission Expires: 5-18-01

Date: May 2 2000

William M. Conn
William M. Conn

Place: POCA HONIA

IOWA
THE STATE OF KANSAS §
§
MARION
COUNTY OF HARVEY §

BEFORE ME, the undersigned authority, on this day personally appeared **WILLIAM M. CONN**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 2nd day of May, 2000.

[SEAL]



Lois Slings
Notary Public in and for
the State of IOWA

My Commission Expires: _____